

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-14 (Canceled).

Claim 15 (New): A method for cosmetically treating human hair, said method comprising:

applying a hair composition to said human hair, wherein said hair composition comprises, in a cosmetically acceptable medium, at least one photocatalyst selected from the group consisting of:

- 1) one or more water-insoluble compounds comprising at least one element selected from columns IIIb, Vb, VIb, VIIb, VIII (3 columns), Ib and Va of the Periodic Table of Elements;
- 2) one or more water-insoluble sulphides, carbides and phosphides comprising at least one element selected from columns IIb, IIIa, IVa, and IVb of the Periodic Table of Elements; and
- 3) one or more water-insoluble composites comprising at least one element selected from the group consisting of titanium, zinc, silicon, aluminium, magnesium, sodium, calcium and zirconium.

Claim 16 (New): The method according to Claim 15, further comprising massaging said human hair using one or more fingers.

Claim 17 (New): The method according to Claim 15, further comprising drying said human hair.

Claim 18 (New): The method according to Claim 15, wherein said method decreases and/or eliminates one or more unwanted organic compounds on said human hair.

Claim 19 (New): The method according to Claim 18, wherein said unwanted organic compound is sebum.

Claim 20 (New): The method according to Claim 15, wherein said one or more water-insoluble compounds are selected from the group consisting of V_2O_5 , CeO_2 , Nb_2O_5 , WO_3 , $Na_4W_{10}O_{32}$, MoO_3 , MoS_2 , RuO_2 , Mn_2O_3 , Bi_2O_3 , Fe_2O_3 , Co_3O_4 , $CuInS_2$, $CuIn_5S_8$, Ag, Cu, Au, and Ni.

Claim 21 (New): The method according to Claim 15, wherein said one or more water-insoluble sulphides, carbides, and phosphides are selected from the group consisting of GaP, SiC, CdS and TiS.

Claim 22 (New): The method according to Claim 15, wherein said one or more water-insoluble composites are selected from the group consisting of $TiO_2 + ZnO$, $TiO_2 + CuO$, $TiO_2 + RuO_2$, $TiO_2 + SnO_2$, $TiO_2 + MoO_3$, $TiO_2 + WO_3$, $TiO_2 + GeO_2$, $TiO_2 + MoO_3$, $TiO_2 + WO_3$, $TiO_2 + GeO_2$, and TiO_2 surface-coated with one or more compounds comprising at least one element selected from the group consisting of Al, Zn, Zr, Cr, V, Nb, Fe, Cu, Co, Ni, and Mn.

Claim 23 (New): The method according to Claim 15, wherein the amount of said at least one photocatalyst is between 0.1 and 20% by weight relative to the total weight of said hair composition.

Claim 24 (New): The method according to Claim 15, wherein said hair composition comprises an aqueous or aqueous-alcoholic medium.

Claim 25 (New): The method according to Claim 15, wherein said hair composition further comprises one or more additives selected from the group consisting of a thickener, fragrance, pearlescent agent, preserving agent, sunscreen, anionic surfactant, nonionic surfactant, amphoteric surfactant, cationic surfactant, anionic polymer, nonionic polymer, amphoteric polymer, cationic polymer, protein, protein hydrolysate, ceramide, pseudoceramide, C₁₆-C₄₀ linear-chain fatty acid, C₁₆-C₄₀ branched-chain fatty acids hydroxy acid, vitamin, provitamin, silicone, plant oil, mineral oil, synthetic oil, and an anti-dandruff agent.

Claim 26 (New): A cosmetic hair composition comprising, in a cosmetically acceptable medium, at least one photocatalyst selected from the group consisting of:

- 1) one or more water-insoluble compounds selected from the group consisting of MoS₂, RuO₂, Mn₂O₃, Bi₂O₃, CuInS₂, CuIn₅S₈, and a compound comprising at least one element selected from columns Vb, VIIb, VIII (2nd and 3rd columns starting from the left), and Va of the Periodic Table of Elements;
- 2) one or more water-insoluble sulphides and phosphides comprising at least one element selected from columns IIb, IIIa, IVa, and IVb of the Periodic Table of Elements; and
- 3) one or more water-insoluble composites selected from the group consisting of TiO₂ + ZnO, TiO₂ + CuO, TiO₂ + RuO₂, TiO₂ + SnO₂, TiO₂ + MoO₃, TiO₂ + WO₃, TiO₂ + GeO₂, TiO₂ + MoO₃, TiO₂ + WO₃, TiO₂ + GeO₂, and TiO₂ surface-coated with one or more

compounds comprising at least one element selected from the group consisting of V, Nb, Cu, Mn.

Claim 27 (New): The cosmetic hair composition according to Claim 26, wherein said one or more water-insoluble compounds are selected from the group consisting of V_2O_5 , Nb_2O_5 , RuO_2 , Mn_2O_3 , Bi_2O_3 , Co_3O_4 , $CuInS_2$, and $CuIn_5S_8$.

Claim 28 (New): The cosmetic hair composition according to Claim 26, wherein said one or more water-insoluble sulphides and phosphides are selected from the group consisting of GaP, CdS, and TiS.

Claim 29 (New): A method for decreasing, delaying, or decreasing and delaying regreasing of human hair, said method comprising:

applying said cosmetic hair composition as claimed in Claim 26 to said human hair, wherein said human hair is dry human hair.

Claim 30 (New): The method as claimed in Claim 29, further comprising massaging said human hair with one or more fingers.

Claim 31 (New): The method as claimed in Claim 29, further comprising drying said human hair.

Claim 32 (New): A method for decreasing, delaying, or decreasing and delaying regreasing of human hair, said method comprising:

applying a hair composition to said human hair, wherein said hair composition comprises at least one photocatalyst selected from the group consisting of:

- 1) one or more water-insoluble compounds comprising at least one element selected from columns IIb, IIIb, IVb, Vb, VIb, VIIb, VIII (3 columns), Ib, and Va of the Periodic Table of Elements;
- 2) one or more water-insoluble sulphides, carbides and phosphides comprising at least one element selected from columns IIb, IIIa, IVa, and IVb of the Periodic Table of Elements; and
- 3) one or more water-insoluble composites comprising at least one element selected from the group consisting of titanium, zinc, silicon, aluminium, magnesium, sodium, calcium and zirconium.

Claim 33 (New): The method as claimed in Claim 32, further comprising massaging said human hair with one or more fingers.

Claim 34 (New): The method as claimed in Claim 32, further comprising drying said human hair.